



de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic Mail

December 15, 2016

Mr. Tim Maley
Remedial Project Manager
U.S. EPA Region V
Superfund Division (SR-6J)
77 W. Jackson Blvd.
Chicago, IL 60604-3590

**Reference: Gary Development Landfill Superfund Site, Gary, Indiana
Administrative Settlement Agreement and Order on Consent for the
Remedial Investigation/Feasibility Study,
CERCLA Docket No. V-W-14-C-004
November 2016 Monthly Progress Report #031**

Dear Mr. Maley:

In fulfillment of the requirements of Section IX, Paragraph 32, of the Administrative Settlement Agreement and Order on Consent for the Remedial Investigation/Feasibility Study, CERCLA Docket No. V-W-14-C-004, the Respondents are submitting the November 2016 monthly progress report.

Should you have any questions or comments, please contact Mr. Mike Samples, or me, at (865) 691-5052.

Sincerely,
de maximis, inc.



Bennie L. Underwood
Project Coordinator

BLU/MHS/
Enclosure

cc: (via e-mail)

Leslie Blake, EPA
Nick Cooper, IDEM
Jeff Cahn, Esq., EPA
David Rieser, Esq., K&L Gates
Mike Samples, *de maximis*
Mark Raybuck, Parsons
GDL Technical Committee

MONTHLY PROGRESS REPORT - #031

PROJECT NAME: Gary Development Landfill Superfund Site

PERIOD COVERED: November 2016

A. ACTIONS TAKEN TOWARD COMPLIANCE WITH THE SETTLEMENT AGREEMENT

- Following consultation with the United States Environmental Protection Agency (EPA) and the Indiana Department of Environmental Management (IDEM), the Gary Development Landfill Site PRP Group (Respondents) pursued the relocation of groundwater monitoring well MW04S onto AMG Resources (AMG) property. However, execution of an access agreement for the installation of a well on AMG property was not achieved. Therefore, discussions resumed with the Canadian National Railroad (Railroad) regarding access to install off-Site monitoring well MW04S at the originally proposed location. Ingress and egress to the well location will be attempted directly from the Site; however, based on field conditions at the time, access from AMG specifically for ingress/egress may ultimately become necessary for safety.
- With a letter dated November 8, 2016, the Respondents proposed that four (4) of five (5) additional soil gas monitoring probes be relocated from the initial RI/FS Work Plan prescribed locations, based on field conditions. The additional soil gas probes are required based on an evaluation of the initial air investigation activities in accordance with Section 3.5.5.4 of the RI/FS Work Plan. In follow-up correspondence, EPA approved the rationale for soil gas probe relocation and, also provided alternatives to locations that were proposed by the Respondents. Consistent with EPA's correspondence, and email notification from the Respondents, the additional soil gas probes were successfully installed on November 30, 2016.
- A water level staff gauge was installed in the on-site northern pond, and two Grand Calumet River level measuring points were established on an un-used bridge (open to pedestrians) near Cline Avenue.
- Consistent with discussions between EPA and the Respondents, slug testing was performed on November 30, 2016 through December 1, 2016, at seven (7) groundwater monitoring wells (MW01S, MW02D, MW06S, MW06M, MW06D, MW07M, MW09S).

Monthly Progress Report #031
Gary Development Landfill Superfund Site
December 15, 2016
Page 2 of 3

- With email correspondence dated November 28, 2016, the Respondents notified EPA that RW Collins had been selected to perform the waste delineation activities. RW Collins was previously utilized on the project as part of the fire response activities. The waste delineation activities are planned to occur once the property survey is performed. This same correspondence, and consistent with informal discussions between the Respondents and EPA, documented the Respondents proposed locations for the waste delineation test pits. Additionally, the correspondence addressed waste delineation methodology for instances where a backhoe cannot safely be utilized.
- In an email dated November 28, 2016, the Respondents notified EPA that the Respondents had selected Krause Surveying to perform site boundary and monitoring point surveying activities.

B. SAMPLING AND TESTING ACTIONS AND RESULTS

- In accordance with conversations between EPA and the Respondents, and an email notification dated November 2, 2016, the first quarterly groundwater sampling event was performed by the Respondents contractor on November 7 through 10, 2016. Per agreement with EPA, the event was performed without monitoring well MW04S being installed, where off-Site access is required and is being negotiated.
- Pursuant to Section 3.5.3 of the RI/FS Work Plan, the collection of surface water and sediment samples from the northern pond was completed during the reporting period.

C/D. WORK PLANNED FOR NEXT TWO MONTHS AND SCHEDULE OF SIGNIFICANT ACTIVITIES / DELIVERABLES

- Complete access discussions with Railroad, and contingent upon execution of an access agreement, re-mobilize the drilling subcontractor and install groundwater monitoring well MW-04S.
- The sampling of newly installed soil gas probes is scheduled to occur on December 5 and 6, 2016.

Monthly Progress Report #031
Gary Development Landfill Superfund Site
December 15, 2016
Page 3 of 3

- Conduct a round of water level measurements in the monitoring wells, and at the staff gauges in northern pond and Grand Calumet River. Measurement activities are tentatively scheduled for the week of December 21, 2016.
- Conduct site survey, including monitoring wells and property boundaries.
- Pursuant to Section 3.5.5.2 of the RI/FS Work Plan, conduct the waste boundary evaluation.
- The second quarterly groundwater sampling event is tentatively scheduled for February 2017.

E. CHANGES IN RI/FS WORK PLANS OR ACTIVITIES

- None.

F. ENCOUNTERED / ANTICIPATED DELAYS

- Given access issues associated with the planned installation of an off-Site monitoring well, EPA requested that the updated project schedule be re-submitted once access to groundwater monitoring well MW04S location is secured.

G. COMMUNITY RELATIONS ACTIVITIES

- None.